

INFORMATION DISCLOSURE STATEMENT

Complete if known

Application Number: 09/214,453
Filing Date: October 25, 1999
First Named Inventor: PETER FRANCIS LEADLAY et al.
Group Art Unit: 1652
Examiner Name: Kathleen M. Kerr, Ph.D.
Attorney Docket Number: 0380-P01805US0

SHEET 1 OF 3

UNITED STATES PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE MM-DD-YYYY	FIRST NAMED INVENTOR
KK	A1	5,141,926	08/25/1992	Weber et al.
	A2	5,672,491	09/30/1997	Khosla et al.
	A3	5,712,146	01/27/1998	Khosla et al.
	A4	5,824,513	10/20/1998	Katz et al.
	A5	5,830,750	11/03/1998	Khosla et al.
	A6	5,843,718	12/01/1998	Khosla et al.
	A7	5,962,290	10/05/1999	Khosla et al.
	A8	6,004,787	12/21/1999	Katz et al.
	A9	6,060,234	05/09/2000	Katz et al.
	A10	6,022,731	02/08/2000	Khosla et al.
	A11	6,063,561	05/16/2000	Katz et al.
	A12	6,066,721	05/23/2000	Khosla et al.
✓	A13	6,271,255	08/07/2001	Leadlay et al.
	A14	6,437,151	05/13/2002	Leadlay et al.

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	DOCUMENT NUMBER	COUNTRY OR REGION	DATE OF PUBLICATION MM-DD-YYYY	FIRST NAMED INVENTOR OR APPLICANT
KK	B1	EP 238892	EP	03/02/1987	Katz et al.

OTHER PRIOR ART - NON-PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in Capital Letters), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
KK	C1	J.B. Brown et al., J. Chem. Soc., Chem. Commun., 1995, 1517-1518 (1995)
	C2	G. Luo, et al., Bioorg. Med. Chem. (1996), 4(7), 995-999
↓	C3	R. Pieper, et al., Nature(London) (1995), 378(6554), 263-6

EXAMINER'S SIGNATURE	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw a line through citation if citation not in conformance and reference not considered. Include a copy of this form with next communication to applicant.

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SHEET 2 OF 3

KK	C4	R. Pieper, et al., J. Am. Chem. Soc. (1995), 117(45), 11373-4
	C5	K. Wiesermann, et al., Chem. Biol. (1995), 2(9), 583-9
	C6	C. Kao, et al., J. Am. Chem. Soc. (1994), 116(25), 11612-13
	C7	R. Chen, et al., J. Liq. Chromatogr. (1988), 11(1), 191-201
	C8	L. Katz and S. Donadio, Annu. Rev. Microbiol. (1993), 47 875-912
	C9	S. Donadio and L. Katz, Gene (1992), 111(1), 51-60
	C10	S. Donadio, et al., Gene (1992), 115(1-2), 97-103
	C11	S. Donadio, et al., Science (1991), 252(5006), 675-9
	C12	J. Tuan, et al., Gene (1990), 90(1), 21-9
	C13	D. MacNeil, et al., Gene (1992), 115(1-2), 119-25
	C14	D. MacNeil, et al., Ann. N.Y. Acad. Sci. (1994), 721(RECOMBINANT DNA TECHNOLOGY II), 123-32
	C15	D. MacNeil, et al., Gene (1992), 111(1), 61-8
	C16	S. Haydock, et al., FEBS Lett. (1995), 374(2), 246-8
	C17	S. Gaisser, et al., Mol. Gen. Genet. (1997), 256(3), 239-251
	C18	K. Weissman, et al., Biochemistry (1997), 36(45), 13849-13855
	C19	T. Schwecke, et al., Proc. Natl. Acad. Sci. U.S.A. (1995), 92(17), 7839-43
	C20	P. Leadlay, et al., Curr. Opin. Chem. Biol. (1997), 1(2), 162-168
	C21	A. Konig, et al., Eur. J. Biochem. (1997), 247(2), 526-534
	C22	S. Less, Tetrahedron Lett. (1996), 37(20), 3519-3520
	C23	S. Less, et al., Tetrahedron Lett. (1996), 37(20), 3515-3518
	C24	S. Less, Tetrahedron Lett. (1996), 37(20), 3511-3514
	C25	J. Aparicio, et al., Gene (1996), 169(1), 9-16
	C26	I. Molnar, et al., Gene (1996), 169(1), 1-7
	C27	J. Staunton, et al., Nat. Struct. Biol. (1996), 3(2), 188-92
	C28	J. Aparicio, et al., J. Biol. Chem. (1994), 269(11), 8524-8
	C29	P. Leadlay, et al., Biochem. Soc. Trans. (1993), 21(1), 218-22
✓	C30	J. McAlpine, et al., J. Antibiot. (1987), 40(8), 1115-22
	C31	P.A.S. Lowden, et al., Angewandte Chemie Intl. Edn. (1996), (Engl.), 35, 2249-2251

EXAMINER'S
SIGNATURE

Kathleen M. Kerr

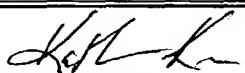
DATE
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KK	C32	I.S. Galloway, et al., Faseb Journal, (1997), 11, 1680
	C33	P.F. Leadlay, Faseb Journal (1997), 11, 2548
	C34	H.D. Lewis, et al., Faseb Journal (1997), 11, 1022
	C35	M. Oliynyk, et al., Faseb Journal (1997), 11, 2644
	C36	J. Staunton, et al., (1997) Developments in Industrial Microbiology - GMBIM, edited by Baltz, R.H., Hegeman, G.D., and Skatrud, P.L., American Society for Microbiology, Washington, DC
✓	C37	I. Kibwage, et al., J. Antibiotics (1987), 15(1), 1-6
	C38	C.M. Kao, et al. Science (1994), 265:509

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